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## Feature Activity 03 Documentation

### Getting setup

```
Command Prompt
Microsoft Windows [Version 10.0.19043.1052]
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C:\Users\Deanii>docker images
REPOSITORY      TAG         IMAGE ID      CREATED        SIZE
delner/ping     latest     06132e9584da  19 minutes ago 170MB
ubuntu         16.04     9ff95a467e45  3 weeks ago   135MB

C:\Users\Deanii>docker rmi 061
Untagged: delner/ping:latest
Deleted: sha256:06132e9584da80798f8b0eb494a6e1c69eae75a041ae156fe28d1eee4e3529f6
Deleted: sha256:bd8bbc3cf551ec909768089e23886a44d1f5dabbb8c70198dfc505d149a66543

C:\Users\Deanii>
```

### Building and optimizing the dockerfile

```
Command Prompt

C:\Users\Deanii\Documents\GitHub\ME8_Containerization_and_Docker\3-building_images>docker build -t "delner/ping" .
[+] Building 84.5s (6/6) FINISHED
=> [internal] load build definition from Dockerfile                                0.2s
=> => transferring dockerfile: 358B                                              0.0s
=> [internal] load .dockerignore                                                 0.1s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/ubuntu:16.04                 0.0s
=> [1/2] FROM docker.io/library/ubuntu:16.04                                    0.1s
=> [2/2] RUN apt-get update && apt-get install -y iputils-ping && apt-get clean && cd /var/lib/apt/lists && 84.2s
=> exporting to image                                                            0.1s
=> => exporting layers                                                            0.1s
=> => writing image sha256:5b9898204ecf80c154177ede0822a170107b8ba16ffd93584fdd31924de0ce0a 0.0s
=> => naming to docker.io/delner/ping                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\Deanii\Documents\GitHub\ME8_Containerization_and_Docker\3-building_images>docker build -t "delner/ping" .
[+] Building 0.2s (6/6) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 32B                                              0.0s
=> [internal] load .dockerignore                                                 0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/ubuntu:16.04                 0.0s
=> [1/2] FROM docker.io/library/ubuntu:16.04                                    0.0s
=> CACHED [2/2] RUN apt-get update && apt-get install -y iputils-ping && apt-get clean && cd /var/lib/apt/li 0.0s
=> exporting to image                                                            0.1s
=> => exporting layers                                                            0.0s
=> => writing image sha256:5b9898204ecf80c154177ede0822a170107b8ba16ffd93584fdd31924de0ce0a 0.1s
=> => naming to docker.io/delner/ping                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\Deanii\Documents\GitHub\ME8_Containerization_and_Docker\3-building_images>docker images
REPOSITORY      TAG         IMAGE ID      CREATED        SIZE
delner/ping     latest     5b9898204ecf  2 minutes ago 139MB
ubuntu         16.04     9ff95a467e45  3 weeks ago   135MB

C:\Users\Deanii\Documents\GitHub\ME8_Containerization_and_Docker\3-building_images>
```